

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30023

**Employer :** Eastern Washington University

**Worksite :** Eastern Washington University

**Street :** 526 5th St Showalter Hall

**Jurisdiction :** City of Cheney

**Survey Date :** 11/8/2015

### SAMPLING

**Survey Type :** Online

**Response Rate :** 72%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 62.8%

**Reported Total Employees at Worksite:** 1,565

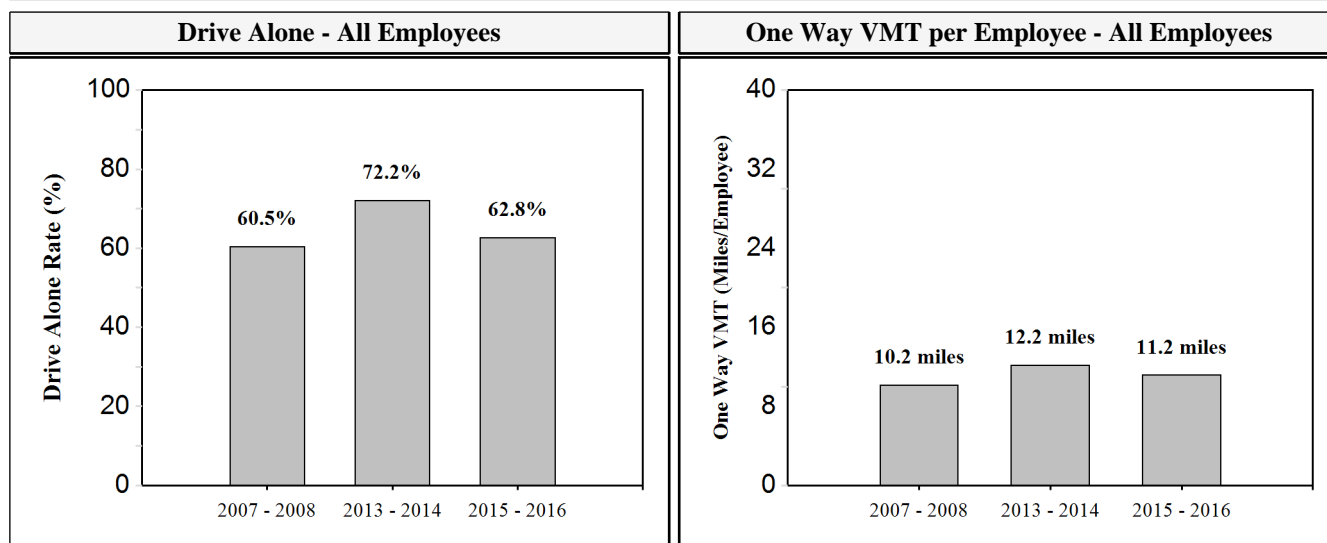
**Surveys Distributed :** 1,000

**One-Way VMT per employee :** 11.2

**Surveys Returned :** 720

**Surveys Returned by CTR Affected Employees :** 620

**Total Estimated CTR - Affected Employees at Worksite :** 861



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	60.5%	59.0%	10.2	10.5
2009 - 2010	59.9%	59.9%	10.2	10.7
2011 - 2012	61.2%	61.5%	10.8	10.9
2013 - 2014	72.2%	73.2%	12.2	12.1
2015 - 2016	62.8%	62.9%	11.2	11.3
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	3.8%	6.6%	9.8%	7.6%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2013 - 2014 Without Fill In	2015 - 2016
Drive Alone - All Employees*	60.5%	72.2%	62.9%	62.8%
Drive Alone - CTR Affected Employees*	59.0%	73.2%	62.6%	62.9%
VMT/Employee - All Employees	10.2	12.2	10.9	11.2
VMT/Employees - CTR Affected Employees	10.5	12.1	10.7	11.3

\* Drive alone rate includes one person motorcycles.

**Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.**

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	1,816	1,218	1,652
Estimated Emissions for Total Employment	3,050	3,862	3,590

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	2,076,597	2,029,742	2,151,223
Bus Annual Passenger Miles - Surveyed Employees	1,236,000	640,400	989,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	0	11,303
Ferry Annual Passenger Miles - Surveyed Employees	0	0	5,200
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	29,906	38,351	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	17,800	12,100	0

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

**Q3.**

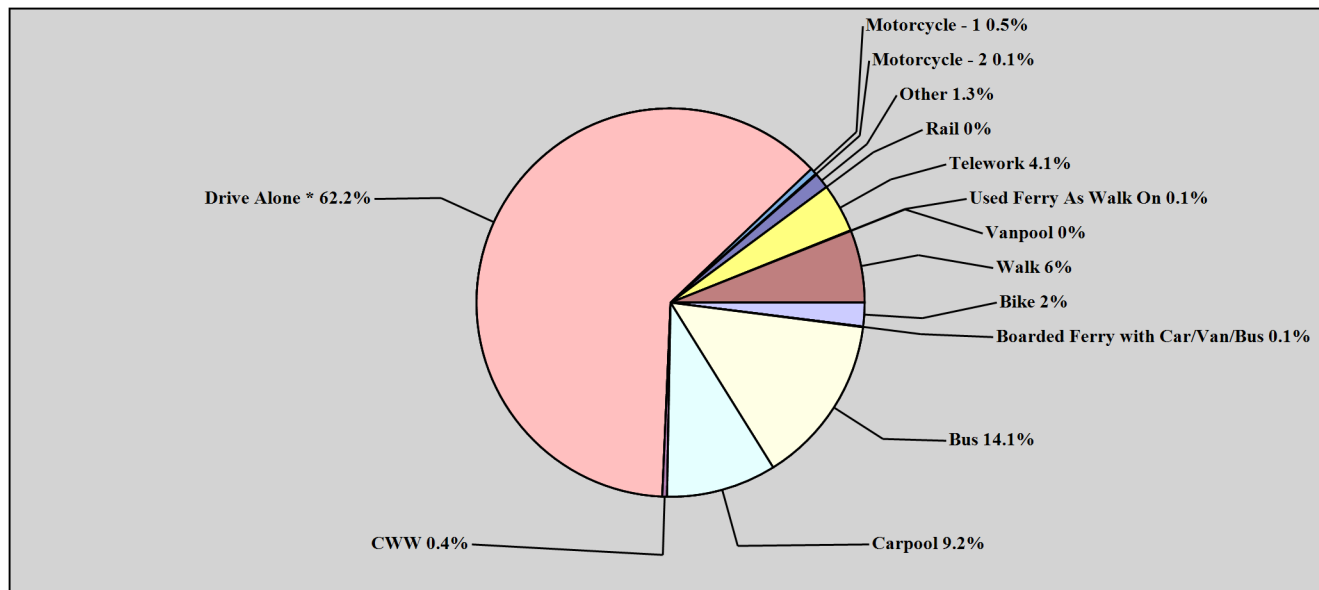
**One way, how many miles do you commute from home to your usual work location?**

**Average one-way distance home to work: 17.3 miles**

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



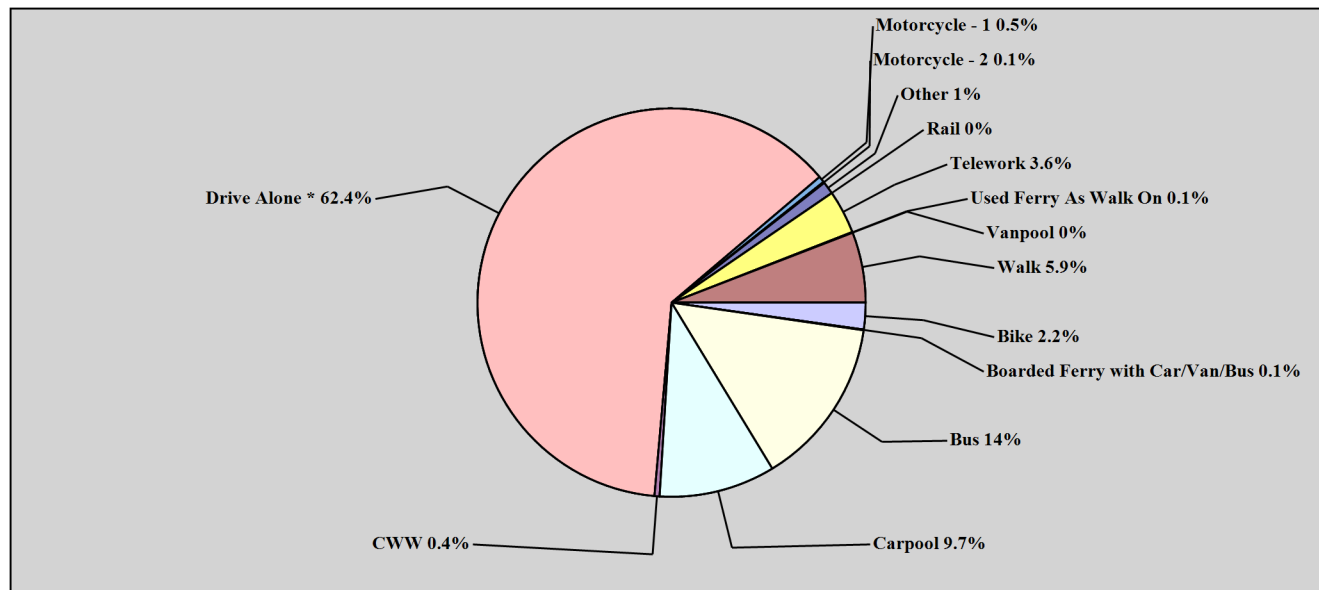
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,183	62.2%	71.4%	522	72.5%	72.5%
Carpool	321	9.2%	7.3%	95	13.2%	13.2%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 1	19	0.5%	0.8%	7	1.0%	1.5%
Motorcycle - 2	3	0.1%	0.0%	2	0.3%	0.0%
Bus	495	14.1%	9.1%	134	18.6%	15.8%
Rail	0	0.0%	0.1%	0	0.0%	0.4%
Bike	69	2.0%	3.1%	22	3.1%	5.1%
Walk	211	6.0%	3.8%	49	6.8%	5.8%
Telework	143	4.1%	2.7%	65	9.0%	6.2%
CWW	14	0.4%	0.3%	13	1.8%	1.9%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.1%	0.0%
Used Ferry As Walk On	2	0.1%	0.0%	1	0.1%	0.0%
Other	46	1.3%	1.3%	13	1.8%	3.0%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,916	62.4%	72.4%	453	73.1%	72.8%
Carpool	297	9.7%	7.1%	87	14.0%	13.7%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Motorcycle - 1	16	0.5%	0.7%	6	1.0%	1.1%
Motorcycle - 2	3	0.1%	0.0%	2	0.3%	0.0%
Bus	431	14.0%	9.2%	118	19.0%	16.9%
Rail	0	0.0%	0.0%	0	0.0%	0.2%
Bike	68	2.2%	3.3%	21	3.4%	5.7%
Walk	180	5.9%	3.6%	43	6.9%	6.2%
Telework	111	3.6%	2.0%	54	8.7%	5.9%
CWW	13	0.4%	0.4%	12	1.9%	2.3%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	2	0.1%	0.0%	1	0.2%	0.0%
Other	32	1.0%	1.1%	11	1.8%	3.0%

\* Drive alone mode includes fill-in, where applicable.



**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	376	52%	720	100%
1 Days	50	7%	344	48%
2 Days	43	6%	294	41%
3 Days	47	7%	251	35%
4 Days	35	5%	204	28%
5 Days	143	20%	169	23%
6 or More Days	26	4%	26	4%

**Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)**

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	281	45%	81	13%	100	16%	54	8.7%	0	0%	0	0%	46	7.4%	7	1.1%	227	36.4%
4 days a week (4/10s)	4	12.5%	18	56.3%	3	9.4%	5	15.6%	0	0%	0	0%	0	0%	0	0%	9	28.1%
3 days a week	0	0%	8	53.3%	2	13.3%	0	0%	0	0%	0	0%	0	0%	0	0%	3	20%
9 days in 2 weeks (9/80)	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	9	21.4%	10	23.8%	1	2.4%	0	0%	0	0%	0	0%	2	4.8%	1	2.4%	10	23.8%

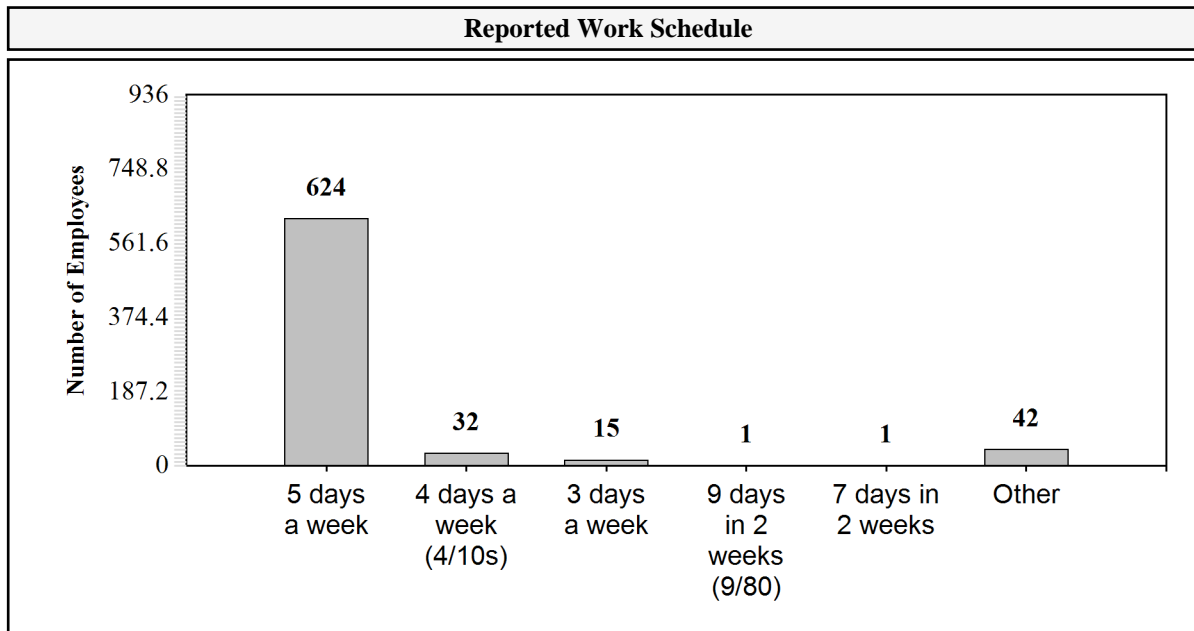
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	20
2	Motorcycle	3
2	Carpool	294
3	Carpool	26
4	Carpool	1
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

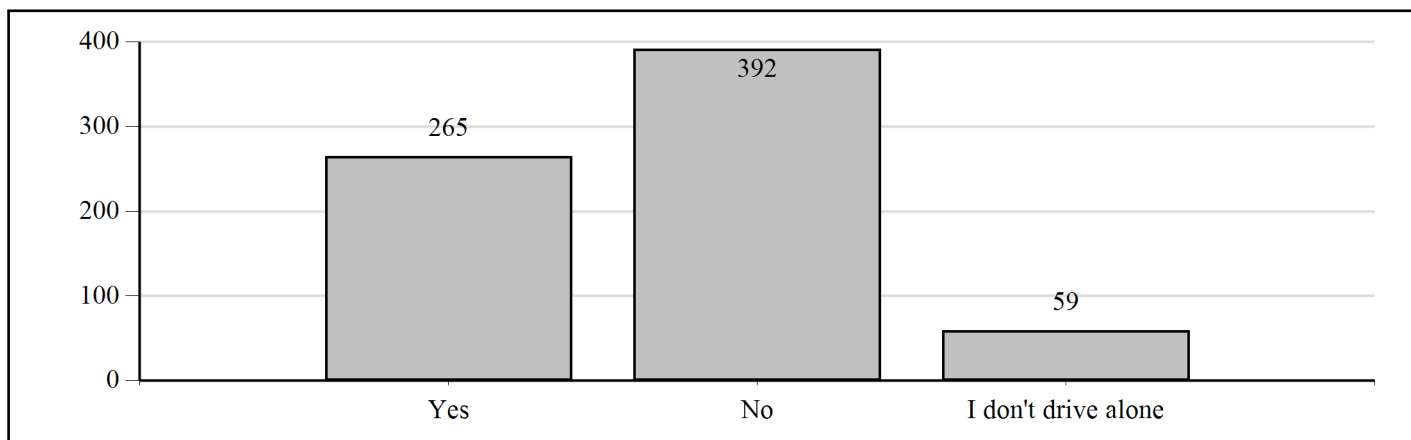
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	624	87.3%
4 days a week (4/10s)	32	4.5%
3 days a week	15	2.1%
9 days in 2 weeks (9/80)	1	0.1%
7 days in 2 weeks	1	0.1%
Other	42	5.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.4%
I don't telework	485	67.4%
Occasionally, on an as-needed basis	127	17.6%
1-2 days/month	26	3.6%
1 day/week	36	5.0%
2 days/week	11	1.5%
3 days/week	32	4.4%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	266	18.0%
Free or subsidized bus, train, vanpool pass or fare benefit	238	16.1%
Environmental and community benefits	230	15.6%
Personal health or well-being	162	11.0%
Other	147	10.0%
I have the option of teleworking	115	7.8%
Cost of parking or lack of parking	103	7.0%
Financial incentives for carpooling, bicycling or walking.	91	6.2%
Driving myself is not an option	62	4.2%
Emergency ride home is provided	39	2.6%
Preferred/reserved carpool/vanpool parking is provided	10	0.7%
I receive a financial incentive for giving up my parking space	8	0.5%
To save time using the HOV lane	3	0.2%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	394	23.8%
Riding the bus or train is inconvenient or takes too long	364	22.0%
Family care or similar obligations	293	17.7%
Other	247	14.9%
My job requires me to use my car for work	141	8.5%
My commute distance is too short	113	6.8%
Bicycling or walking isn't safe	61	3.7%
I need more information on alternative modes	26	1.6%
There isn't any secure or covered bicycle parking	15	0.9%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	8	0	1	0	0	0	0	0	1	17
2	7	0	1	0	0	0	0	0	0	8
3	9	0	0	0	0	0	0	0	0	5
4	2	0	0	0	0	0	0	0	0	13
5	11	0	0	0	0	0	0	0	0	19
6	2	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	1
8	7	0	0	0	0	0	0	0	0	10
9	1	0	0	0	0	0	0	0	0	0
10	3	0	1	0	0	0	0	0	0	12
11 or more	3	0	0	0	0	0	0	0	0	5
# Of Employees using Transit	53	0	3	0	0	0	0	0	1	94
Total One-Way Transit Trips Per Week	259	0	13	0	0	0	0	0	1	501

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	6	0	1	0	0	0	0	0	1	17
2	7	0	1	0	0	0	0	0	0	6
3	8	0	0	0	0	0	0	0	0	3
4	2	0	0	0	0	0	0	0	0	12
5	9	0	0	0	0	0	0	0	0	16
6	2	0	0	0	0	0	0	0	0	2
7	0	0	0	0	0	0	0	0	0	1
8	6	0	0	0	0	0	0	0	0	8
9	1	0	0	0	0	0	0	0	0	0
10	2	0	0	0	0	0	0	0	0	11
11 or more	2	0	0	0	0	0	0	0	0	5
# Of Employees using Transit	45	0	2	0	0	0	0	0	1	81
Total One-Way Transit Trips Per Week	214	0	3	0	0	0	0	0	1	434

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.28%	8	0	0	0	0	0	0	2	0	0	0	0	0
83406	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
83501	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83651	1	0.14%	5	0	0	0	0	0	0	0	1	0	0	0	0
83814	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83815	2	0.28%	9	0	0	0	0	0	0	0	0	1	0	0	0
83832	1	0.14%	0	0	0	0	0	0	0	0	0	0	0	0	7
83835	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
83843	2	0.28%	11	0	0	0	0	0	0	0	0	0	0	0	0
83850	1	0.14%	3	0	0	0	0	0	0	0	2	0	0	0	0
83854	3	0.42%	5	0	0	0	0	0	0	0	10	1	0	0	0
83858	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
96204	1	0.14%	0	0	0	0	0	0	0	0	5	0	0	0	0
98021	1	0.14%	0	1	0	0	0	0	0	0	4	0	0	0	0
98027	1	0.14%	1	0	0	0	0	0	0	0	0	0	0	0	0
98033	1	0.14%	1	0	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.14%	0	0	0	0	0	0	0	0	2	0	0	0	3
98168	1	0.14%	1	0	0	0	0	0	0	0	0	0	0	0	0
98290	1	0.14%	1	4	0	0	0	0	0	0	0	0	0	0	0
98498	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
98686	1	0.14%	4	0	0	0	0	0	0	0	1	0	0	0	0
98837	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
98901	1	0.14%	0	0	0	0	0	0	0	0	5	0	0	0	0
98902	1	0.14%	7	0	0	0	0	0	0	0	0	0	0	0	0
99001	6	0.83%	7	21	0	0	0	0	1	0	0	2	0	0	0
99003	4	0.56%	5	5	0	0	9	0	0	0	0	0	0	0	0



99004	236	32.78%	713	96	0	12	47	0	63	208	15	2	0	0	11
99005	6	0.83%	19	1	0	0	0	0	0	0	2	0	0	0	0
99006	4	0.56%	19	0	0	1	0	0	0	0	0	0	0	0	0
99008	4	0.56%	15	4	0	0	0	0	0	0	0	1	0	0	0
99009	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99012	3	0.42%	10	4	0	0	0	0	0	0	0	0	0	0	0
99014	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99016	2	0.28%	5	0	0	0	5	0	0	0	0	0	0	0	0
99019	8	1.11%	30	2	0	0	8	0	0	0	3	0	0	0	0
99021	3	0.42%	5	6	0	0	4	0	0	0	0	0	0	0	0
99022	18	2.50%	79	8	0	0	0	0	0	0	0	2	2	0	0
99025	2	0.28%	4	0	0	0	5	0	0	0	0	0	0	0	0
99026	2	0.28%	12	0	0	0	0	0	0	0	1	0	0	0	0
99029	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99031	5	0.69%	21	5	0	0	0	0	0	0	1	0	0	0	0
99032	2	0.28%	1	9	0	0	0	0	0	0	0	0	0	0	0
99037	4	0.56%	11	0	0	0	8	0	0	0	0	0	0	0	0
99109	1	0.14%	3	0	0	0	0	0	0	0	0	0	0	0	0
99111	1	0.14%	2	0	0	2	0	0	0	0	1	0	0	0	0
99114	4	0.56%	10	3	0	0	0	0	0	0	4	0	0	0	0
99134	1	0.14%	4	0	0	0	0	0	0	0	0	1	0	0	0
99141	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99148	1	0.14%	2	2	0	0	1	0	0	0	0	0	0	0	0
99156	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99163	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99166	1	0.14%	1	0	0	0	0	0	0	0	1	0	0	0	0
99169	1	0.14%	6	0	0	0	0	0	0	0	0	0	0	0	0
99170	2	0.28%	8	0	0	0	0	0	0	0	0	0	0	0	0
99171	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99173	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
99201	21	2.92%	58	7	0	0	33	0	0	0	4	1	0	0	2
99202	14	1.94%	38	5	0	0	18	0	0	0	1	0	0	0	0
99203	68	9.44%	188	14	0	1	94	0	2	0	28	0	0	2	0
99204	24	3.33%	56	21	0	0	36	0	0	0	3	0	0	0	0
99205	40	5.56%	123	8	0	5	52	0	0	0	4	0	0	0	7
99206	16	2.22%	49	21	0	0	5	0	0	0	3	1	0	0	0
99207	7	0.97%	23	0	0	0	11	0	0	0	0	0	0	0	0



<b>99208</b>	33	4.58%	84	9	0	0	50	0	0	0	10	1	0	0	0
<b>99212</b>	13	1.81%	39	0	0	0	21	0	0	0	4	0	0	0	0
<b>99214</b>	1	0.14%	5	0	0	0	0	0	0	0	0	0	0	0	0
<b>99216</b>	8	1.11%	19	15	0	0	5	0	0	0	1	0	0	0	0
<b>99217</b>	7	0.97%	24	5	0	0	4	0	0	0	0	0	0	0	0
<b>99218</b>	11	1.53%	23	8	0	1	16	0	0	0	0	0	0	0	0
<b>99223</b>	52	7.22%	157	16	0	0	51	0	2	0	23	1	0	0	10
<b>99224</b>	45	6.25%	171	21	0	1	12	0	1	1	3	0	0	0	6
<b>99354</b>	1	0.14%	4	0	0	0	0	0	0	0	0	0	0	0	0
<b>99403</b>	1	0.14%	2	0	0	0	0	0	0	0	0	0	0	0	0